

Abstract

The invention relates to a magnet valve for actuating a fuel injector, having a magnet core (2). A magnet coil (3) is received in the magnet core. A closing spring (9) acts on the magnet armature (10) in the closing direction. An outlet gap (18) for an actuating fluid is formed between a face end (8) of the stop sleeve (7), oriented toward the magnet armature (10), and the magnet armature (10) itself. The outlet gap (18) discharges into a hydraulic damping chamber (31), which is defined by a face end (12) of the magnet armature (10) and by a damping face (20) of the non-magnetic material (16).

(Fig. 2)